

ANTIQUE AUTOMOBILE CLUB OF AMERICA

WHEELS



Fall 2015

Fantasy Meets Cars

By: Matthew Hocker

Do you love fantasy stories? The world of fantasy is often filled with knights, wizards, monsters and magic. You can find fantasy in movies like *Harry Potter* and *How to Train your Dragon*. Check out the cars on this page. Their names sound similar to characters in the fantasy world!



King Arthur



1896 King



Excalibur -
King Arthur's Sword



1976 Excalibur



Knight



1928 Falcon-Knight



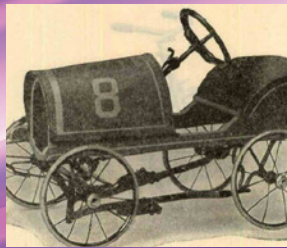
Horse



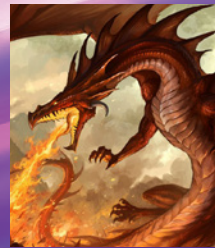
1899 Horsey Horseless



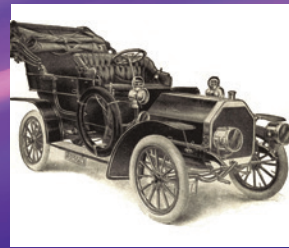
Wizard



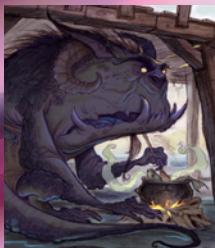
1923 Wizard Pedal Car



Dragon



1907 Dragon



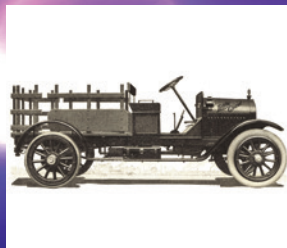
Troll



Troll 1957



Giant



1916 Little Giant



Elf



Isuzu Elf

Pininfarina

One of the most famous car companies in Italy is Pininfarina. Pininfarina has been making special bodies for cars since 1930. A man named Battista Pininfarina started the business, and the company was named after him. He was born in Italy in 1893.

Before he was known as Mr. Pininfarina, his original name was Battista Farina. He was the youngest child in the family, so his parents gave him the nickname "Pinin" (In Italian, "Pinin" means the "baby of the family"). As he grew older, everyone knew him as Pinin Farina. In 1961, the president of Italy changed Battista Farina's last name to Pininfarina. The president did this to show how much he appreciated Mr. Pininfarina's success.

When Mr. Pininfarina was a little boy, his family was very poor. His parents worked very hard and taught him how to be resourceful with little money. Mr. Pininfarina had to start working at a very young age. He was just 12 years old when he started working with cars. Together with his brother, he repaired carriages and cars.

By the time Mr. Pininfarina was 17 years old, he had designed his first car. The car was the Fiat Zero. Mr. Pininfarina was so successful that he was invited to the United States to share his expertise. Ford Motor Company even offered him a job. However, Mr. Pininfarina politely said "no" because he did not want to leave Italy.

1930 was a big year for Mr. Pininfarina because this was the year he started his business, Carrozzeria Pininfarina. The company's specialty was making bodies for other company's cars. His business became successful very fast, and his body designs inspired other designers throughout the world. Many famous car companies wanted to do work with him. For example, he designed bodies for Fiat, Ferrari, Nash, and Cadillac.

Mr. Pininfarina died in 1966. The vehicles he designed were an inspiration to others and are still loved today. Take a moment to look at the Pininfarina cars in this article – Which one is your favorite?



Map of Italy, Pininfarina's home



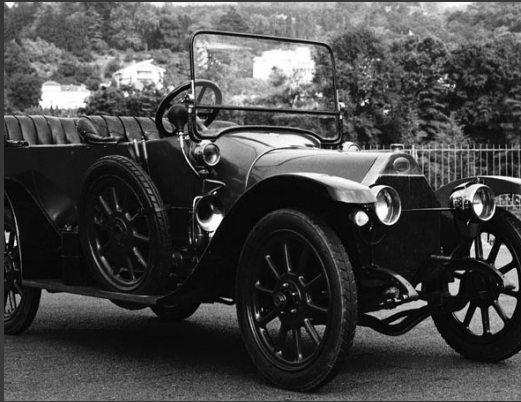
Battista Pininfarina

By: Matthew Hocker

Pininfarina



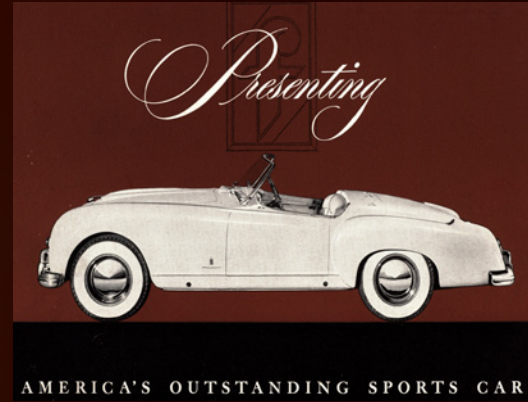
pininfarina



1912 Fiat Zero



1947 Cisitalia 202



AMERICA'S OUTSTANDING SPORTS CAR

1954 Nash Healey



**1959 Alfa Romeo
Giulietta Spider**



1959 Ferrari 250 GT Coupe



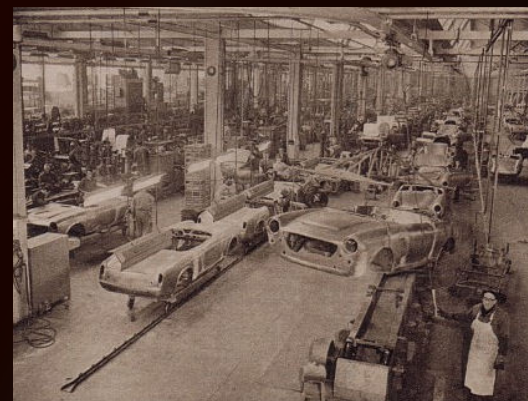
1961 Cadillac Jacqueline



1963 Corvette Rondine



**The Pininfarina Factory
in 1930**



Inside the factory in 1962

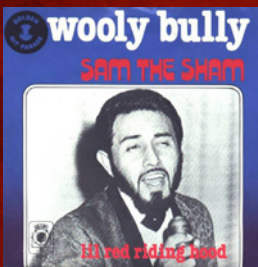
BY: MATTHEW HOCKER

Blast from the

Can you imagine a world without cell phones, video games or the internet? Fifty years ago, you would have to live without all of these things! What was going on in the world of cars back in 1965? Let's hop in a time machine and find out!



PRESIDENT OF THE UNITED STATES:
Lyndon B. Johnson



MOST POPULAR SONG:
"Wooly Bully" by Sam the Sham and the Pharaohs



MOST POPULAR MOVIE:
The Sound of Music



PRICE OF A CANDY BAR:
5 Cents



AVERAGE PRICE OF A NEW CAR:
\$2,650 (Today, it is \$33,560)

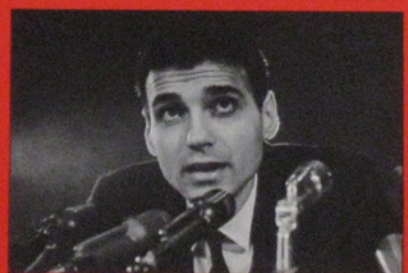
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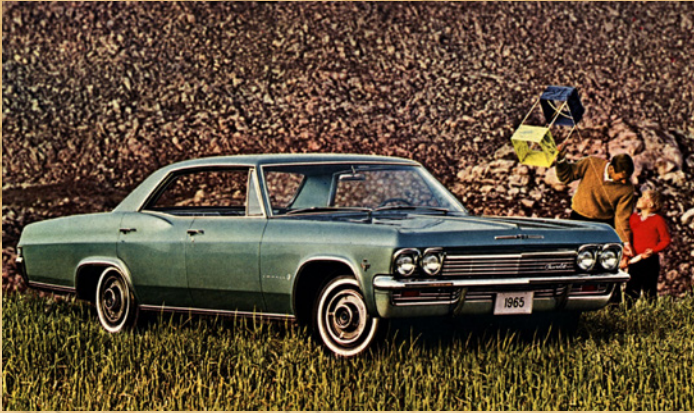
RALPH NADER

"Timely, topical and terrifying... a slashing, fully documented indictment of industrial irresponsibility, governmental default, public apathy... a chilling exposé of the automobile industry."
—American Trial Lawyers Association Journal

CAR SAFETY:

Ralph Nader published his book, *Unsafe at Any Speed*. In this book, Mr. Nader argued car companies were not doing enough to make cars safe. For example, cars back then often didn't have seatbelts for every passenger. Mr. Nader's book helped change the car industry. Today's companies think even more about safety when they design cars.

the Past: 1965



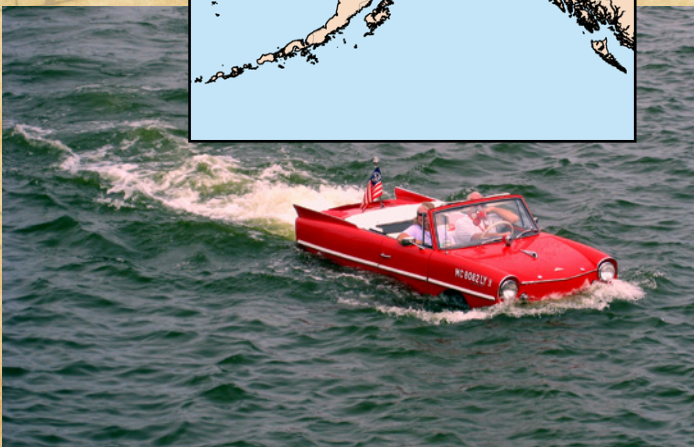
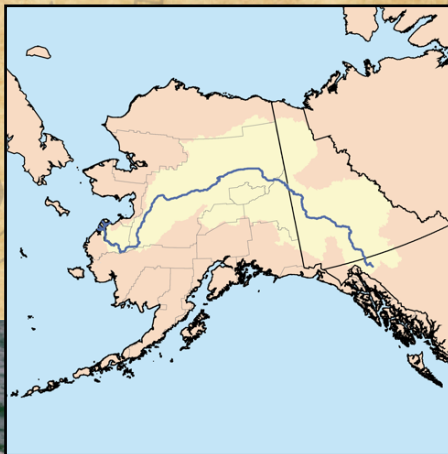
BEST SELLING CAR:

The 1965 Chevrolet Impala was the best-selling car in America. Chevrolet made more than 1 million 1965 Impala cars - a world record back then!



10 MILLION BEETLES:

The first Volkswagen Beetle was made in 1938. In 1965, the company made its 10 millionth Beetle. The car's appearance had changed very little over the years. Today, the Beetle is one of the most popular antique cars.



DRIVING THROUGH WATER:

The Amphicar was part car and part boat. It could travel on land and in the water. In 1965, two Amphicars traveled down the Yukon River in Alaska in Canada. They traveled almost 2,000 miles in 3 days!



A FIRST FOR AMERICA:

The Ford GT40 came in first place in the 1965 Daytona 2000 race. This was the first time a car with an American-made engine won a major international sports car race. It was driven by Ken Miles and Lloyd Ruby.

FIND THE PICTURES

Can you find each of these pictures at
another place in this newsletter?

The topic for this issue: LEAF'N SUMMER FOR FALL

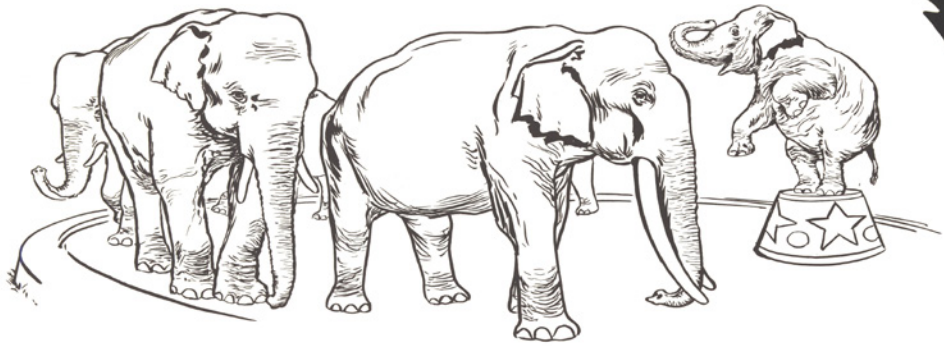


WE NEED...
SHORT ARTICLES, POEMS,
PHOTOS, CROSSWORD PUZZLES
AND WORD SEARCHES FROM
OUR JUNIOR MEMBERS.

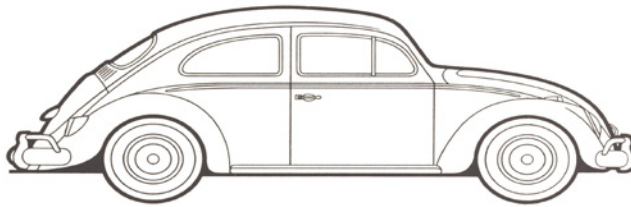


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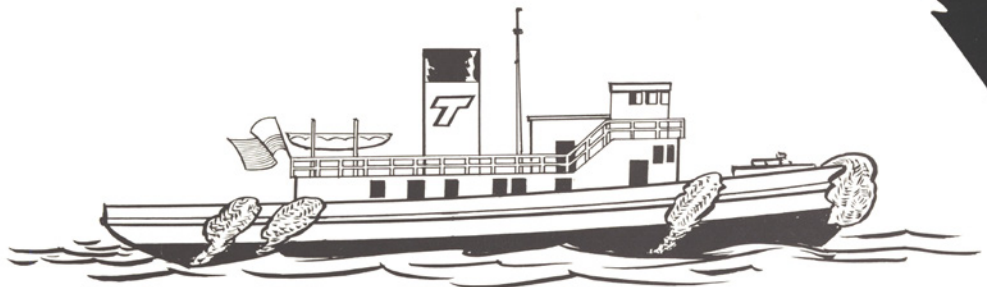
VW RIDDLES



Q: What has a trunk up front but is not an elephant?



A: A Volkswagen Sedan!



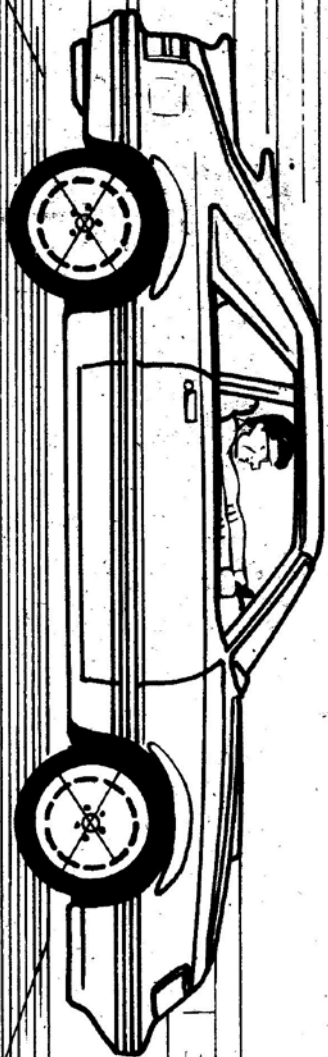
Q: What has 21 windows with a changeable view?



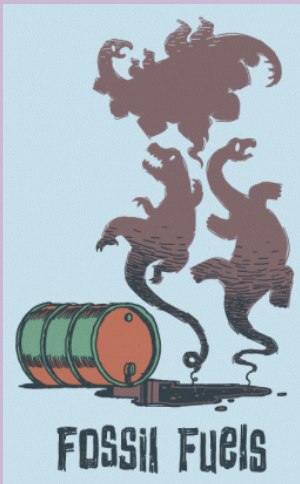
A: A Volkswagen Station Wagon!

October

MUSTANG SVO







Why do you eat breakfast before you go to school? If you don't eat breakfast, you will feel tired and find it difficult to concentrate on your work. Eating breakfast gives you energy, and you can use this energy to do your best in school. Just like you, cars and trucks need energy to work. Instead of food, vehicles need fuel to power their engines.

The most common type of fuel is gasoline. Gasoline comes from fossil fuels, which can be found deep under the ground. We call them fossil fuels because they come from plants and animals that died millions of years ago – This includes the time of the dinosaurs!



Gasoline

WHAT ARE ALTERNATIVE

ELECTRIC:

Electric vehicles have been around for over 100 years, and they are now becoming more popular. Because they are powered by batteries, electric vehicles run quieter and cleaner than gas vehicles. The batteries hold a charge, and this charge powers the car. When the charge is low, the battery must be recharged. This is done at a charging station. The AACA Museum in Hershey has a charging station!

Today's electric cars are more efficient than early electric cars. The 1899 Baker Electric could drive 50 miles on one charge. The modern Tesla S 85 can drive over five times as far – up to 265 miles on one charge! A lot of newer cars are known as hybrid vehicles because they can operate on both gasoline and batteries.



1912 Baker Electric



Charging Station



2015 Tesla S



Tesla Battery

SOLAR POWER:

Solar powered vehicles use batteries just like electric vehicles, and these batteries need to be recharged. Instead of using a charging station, a solar car's batteries are recharged by the power of the sun! This is done by using solar panels, which are mounted on the outside of the car and are connected to the battery. The solar panels collect energy from sunlight, and this energy travels to the battery and charges it. Once the battery is charged, the car can drive.



Solar-Powered Car



Solar Panels on a House

In addition to gasoline, there are also alternative fuels. Any fuel that is not gasoline is considered an alternative fuel. Interest in alternative fuels has been growing for two main reasons. One reason is to lower the amount of pollution caused by gas-powered vehicles. Another reason is that fossil fuels will eventually disappear. Alternative fuels may one day replace fossil fuels.



Air pollution

These are just a few types of alternative fuels out there!

ALTERNATIVE FUELS?

By: Matthew Hocker

ETHANOL:

Ethanol is an alcohol fuel. In the U.S., ethanol is made from corn sugar. In Brazil, ethanol is made from sugar cane. Corn and sugar can be grown and replanted over, and over again. This makes ethanol easier to get than fossil fuels. In fact, most gasoline in America contains a small amount of ethanol mixed in. In Brazil, there are now cars that can run entirely on ethanol.



Corn



Sugar Cane

Ethanol has been controversial because it can be hard on engines, especially antique car engines. Some people also argue it is bad for the environment. For example, in Brazil a lot of rainforest trees have been cut down in order to make more room for growing sugar cane.



Ethanol

HUMAN-POWERED:

Did you know that you are considered an alternative fuel? When you ride a bicycle you use the energy in your body to move your legs. Moving your legs causes the pedals to turn, and the bicycle moves forward. There are even pedal-powered vehicles with four wheels, known as quadricycles. This alternative fuel is free, clean, and fun!



Bicycle



A Quadricycle

Authorized Signature _____